

Further details on the mathematical model of CIA

The application and mathematics of CIA are well described in the paper Dolédec S, Chessel D: **Co-inertia analysis: an alternative method for studying species-environment relationships**. *Freshwater Biology* 1994, **31**:277-294. A pdf (Adobe Acrobat) copy of this reference, is available online <http://pbil.univ-lyon1.fr/R/articles/arti084.pdf>

In addition a detailed background to the mathematical model and the implementation of CIA in ADE-4 is described within the ADE-4 online documentation which is available in the file <ftp://pbil.univ-lyon1.fr/pub/mac/ADE/ADE4/DocThemPDFUS/Thema41.pdf>.

Furthermore a copy of the recent review, Dray S, Chessel D, Thioulouse J: **Co-inertia analysis and the linking of ecological tables**. *Ecology* 2003, **84**:3078-3089 and further details about CIA are available from Stephen Dray's website <http://www.steph280.freesurf.fr/files/articles/Ecology2003b.pdf>.